

AMENDMENTS TO THE SPECIFICATION

The paragraph beginning on page 6, line 5, is being amended as follows:

A canister 20 is globular in shape and used as a collecting container is selectively connected to the sample vessel 10 with a collecting valve 18 between. The canister 20 is depressurized to about $1 \times 10^2 \text{ Pa}$ (1/1000atm) in advance, and has a capacity of, for example, about 6 liter. In the course of process, the inside of the canister 20 is ~~depressurized in advance~~ inactivated before the depressurization. By connecting the depressurized canister 20 to the sample vessel 10 and opening the collecting valve 18, the inside of the sample vessel 10 is depressurized rapidly. Thus, volatile constituents G of the sample S evaporate from the sample S in a moment and are sucked into the canister 20 with negative pressure and collected in the canister 20 with the inert gas. Reference numeral 19 in FIG. 1 denotes a heater for heating the gas (volatile constituents G of the sample S) collected in the canister 20.